

## TDS (Technical Data Sheet)

### Definition

**Name:** Caustic Soda (Sodium Hydroxide)

**Form:** Flakes

**Chemical Formula:** NaOH

**HS Code:** 28151110

### Application

Its main uses are in the manufacture of pulp and paper, alumina, soap and detergents, petroleum products and chemical production.

### ISIRI 364 Test Results

Row	Item	Unit	Accepting Limit	Test Result
1	Purity	%W	Min 98.5	98.5% ± 0.5%
2	Carbonate (Na <sub>2</sub> CO <sub>3</sub> )	%W	Max 1	0.5
3	Chloride (NaCl)	%W	Max 0.06	0.03
4	Sulfate (Na <sub>2</sub> SO <sub>4</sub> )	%W	Max 0.01	0.005
5	Silicate (SiO <sub>2</sub> )	%W	Max 0.02	0.007
6	Fe	ppm	Max 30	6-9
7	Insoluble in Water	%W	Max 0.1	< 0.001
8	Aluminum (Al <sub>2</sub> O <sub>3</sub> )	ppm	Max 20	2-5
9	Heavy metals (Pb)	ppm	Max 20	N. D
10	Mercury (Hg)	ppm	Max 0.2	N. D
11	Arsenic (As <sub>2</sub> O <sub>3</sub> )	ppm	Max 2	N. D
12	Appearance	-	White flakes, Free of impurities	OK

### Available Packaging

- ✓ Three-Layer Laminated Bags
- ✓ Jumbo Bags
- ✓ Palletized
- ✓ Metal Drums

### Handling and Storage

**Precautions:** Keep container dry. Do not breathe dust. Never add water to this product. In case of insufficient ventilation, wear suitable respiratory equipment.

**Storage:** Keep container tightly closed. Keep container in a cool, well-ventilated area.